Attorney's Docket No.: 306.46048X00

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that: my residence, post office address and country of citizenship are as stated below, next to my name; I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled <u>Perforation Gun System Produced Self-Closing Perforation Holes</u>

the specification of which

is atta	ched hereto.			
	iled on March 27, 2006 as	1		
	United States Application Nu	umber 10/573,581		
	or PCT International Applica	ation Number PCT/EP04/010609	_	
	and was amended on		⊸ •	
•		(if applicable)		
claim(s), as amende	I by any amendment referred to a	nd the contents of the above-ident bove. I acknowledge the duty to d 17, Code of Federal Regulations,	isclose all i	nformation kn
tent or inventor's certi in the United States	ficate, or 365(a) of any PCT inter of America, listed below and he inventor—s certificate, or any PC iority is claimed:	5 U.S.C. I 19(a)-(d) or 365(b), of a mational application which design ave also identified below, by ch T international application having	ated at least ecking the	one country of box, any for before that o
10344958.2	Germany	September 27, 2003	x	
(Number) 102004004750.2	(Country) Germany	(Foreign Filing Date) January 30, 2004	Yes X	No ·
(Number) 102004011616.4	(Country) Germany	(Foreign Filing Date) March 10, 2004	Yes X	No ·
(Number) 102004043948,6	(County) Germany	(Foreign Filing Date) September 11, 2004	Yes X	No
(Number)	(Country)	(Foreign Filing Date)	Yes	No ·
I hereby claim the control of the co), of any United States provisiona	Lapplicatio	n(s) listed bel
(Application Number) Filing Date			
			C-5 11-4- 3 L	-1 i
I hereby çlaim	the benefit, under 35 U.S.C. 120	, of any United States application	(s) listed b	elow.

I hereby appoint: Melvin Kraus, Reg. No. 22,466; William I. Solomon, Reg. No. 28,565; Gregory E. Montono, Reg. No. 28,141; Ronald J. Shore, Reg. No. 28,577; Donald E. Stout, Reg. No. 26,422; Alan E. Schiavelli, Reg. No. 32,087; Paul J. Skwierawski, Reg. No. 32,173; and Alfred A. Stadnicki, Reg. No. 30,226, of ANTONELLI, TERRY, STOUT & KRAUS, LLP with offices located at 1300 North Seventeenth Street, Suite 1800, Arlington, Virginia 22209, my attorneys, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Full Duty to Disclose Information Material to Patentability

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclosure information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is cancelled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclosure all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by 991.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
 - (1) Prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) The closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made or record in the application, and
- (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
 - (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application;
 - (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.
- (c) In any continuation-in-part application, the duty under this section includes the duty to disclose to the Office all information known to the person to be material to patentability, as defined in paragraph (b) of this section, which tecame available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.